Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006

Message Text

LIMITED OFFICIAL USE

PAGE 01 STATE 211890

43
ORIGIN OES-04

INFO OCT-01 EUR-12 ISO-00 NSF-01 ERDA-05 FEA-01 INT-05 L-03

CIAE-00 INR-07 NSAE-00 PRS-01 EB-07 /047 R

DRAFTED BY OES/APT/SEP:WAROOT:GEM
APPROVED BY OES/APT/SEP:WAROOT
NSF:VBREMENKAMP
EUR/SOV:SHUMPHREY
ERDA:WPENKOWSKY
FEA:BEVERETT
---------- 122745
R 052331Z SEP 75
FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW

LIMITED OFFICIAL USE STATE 211890

E.O. 11652:N/A

TAGS: ENRG, UR

SUBJECT: ENERGY AGREEMENT: GEOTHERMAL ENERGY

REF: MOSCOW 10847 AND 11724

FOR SCICOUNS

1. REQUEST EMBASSY TRANSMIT TO NEPOROZHNIY AND/OR MAKSIMOV FOLLOWING:

A. US CONTINUES OF VIEW THAT VISIT TO KAMCHATKA WOULD BE OF CONSIDERABLE TECHNICAL VALUE AND THAT THERE IS A VERY STRONG TECHNICAL CASE FOR SUCH A VISIT.

B. TO OUR KNOWLEDGE KAMCHATKA IS ONLY SITE IN USSR OF A GEOTHERMAL ELECTRIC POWER GENERATING STATION. THE BINARY CYCLE PLANT IS OF PARTICULAR INTEREST, EVEN THOUGH IT IS
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 STATE 211890

APPARENTLY NOT NOW OPERATING. WE WERE SURPRISED TO HEAR

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006

THAT THE PLANT HAS BEEN SHUT DOWN SINCE 1973, SINCE THIS WAS NOT MENTIONED WHEN YOU INVITED US IN JANUARY 1974 TO VISIT KAMCHATKA NOR WHEN YOU COMMENTED ON OUR NUMEROUS REQUESTS SINCE THEN FOR A CONFIRMED DATE FOR SUCH A VISIT. IN ANY EVENT, US GEOTHERMAL ENGINEERS BELIEVE MUCH COULD BE LEARNED BY EXAMINING THE ACTUAL EQUIPMENT AND THE EFFECTS

OF PAST OPERATION. WE WOULD ALSO LIKE TO LEARN MORE ABOUT PLANS FOR EXPANDING GEOTHERMAL POWER PRODUCTION IN KAMCHATKA. VARIOUS SOVIET PUBLIC STATEMENTS GIVE THE IMPRESSION OF CONTINUED INTEREST IN EXPANSION AND PERHAPS EVEN THE START OF CONSTRUCTION OF A NEW OR EXPANDED FACILITY. SECOND HAND REPORTS AND PHOTOGRAPHS ARE NOT AN ADEQUATE SUBSTITUTE FOR ON SITE VISITS BY ENGINEERS.

C. US GEOLOGISTS FEEL THAT A VISIT TO KAMCHATKA WOULD MAKE POSSIBLE A SIGNIFICANTLY IMPROVED UNDERSTANDING OF THE OCCURRENCE AND ORIGIN OF GEOTHERMAL RESOURCE SYSTEMS. IT WOULD BE PARTICULARLY INTERESTING TO EXAMINE ON THE SITE, JOINTLY WITH YOU, THE NATURE AND CAUSES OF THE STEADILY DECREASING OUTPUT YOU MENTIONED IN DISCUSSIONS WITH OUR EMBASSY.

D. WHILE THE US ORIGINALLY IN 1972 PROPOSED COOPERATION IN GEOTHERMAL AND SOLAR ENERGY, WE BELIEVE THAT ADVANCES SINCE THEN IN THE US MEAN THAT THE USSR COULD LEARN MUCH FROM SUCH COOPERATIVE ACTIVITY. WE ALSO BELIEVE THAT A REASONABLY BALANCED PROGRAM COULD BE DEVELOPED IF WE WERE GIVEN THE OPPORTUNITY TO STUDY KAMCHATKA GEOTHERMAL DEVELOPMENTS AND IF THE SOVIET SIDE WERE MORE FORTHCOMING ON PHOTOVOLTAICS THAN HAS SO FAR BEEN THE CASE IN THE SOLAR ENERGY WORK.

2. FYI. WE HAVE HEARD REPORTS THAT SOME FOREIGNERS, PERHAPS FRENCH AND CANADIAN, HAVE VISITED KAMCHATKA AND WOULD BE INTERESTED IN ANY INFORMATION EMBASSY MIGHT BE ABLE TO OBTAIN. END FYI. ROBINSON

LIMITED OFFICIAL USE

NNN

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: GEOTHERMAL ENERGY, KAMCHATKA, SCIENTIFIC VISITS
Control Number: n/a
Copy: SINGLE
Draft Date: 05 SEP 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: ElyME
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975STATE211890
Document Source: CORE
Document Unique ID: 00
Drafter: WAROOT:GEM
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750309-0298
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750978/aaaacrby.tel
Line Count: 98
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN OES
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: 75 MOSCOW 10847, 75 MOSCOW 11724
Review Action: RELEASED, APPROVED
Review Authority: ElyME
Review Comment: n/a
Review Content Flags:
Review Date: 12 JUN 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <12 JUN 2003 by ShawDG>; APPROVED <24 OCT 2003 by ElyME>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
06 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: ENERGY AGREEMENT: GEOTHERMAL ENERGY
TAGS: ENRG, UR
To: MOSCOW
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 06 JUL 2006